

TRANSMITTAL SLIP		
<div style="display: flex; justify-content: center; align-items: center;"> <div style="border-bottom: 1px solid black; width: 100px; margin-right: 10px;">11/21</div> <div>(Date)</div> </div>		
TO:		
BUILDING		
REMARKS:		
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><i>June -</i></p> <p>Pages 1 + 3 were retyped.</p> <p>(There are is a copy for your</p> <p>file copy. R&D Subj copy</p> <p>will follow.</p> </div> <div style="width: 55%; text-align: center;"> <p>SECRET</p> <p>SECRET</p> </div> <div style="width: 40%; text-align: right;"> <p><i>11/23/55</i></p> <p><i>11-23</i></p> </div> </div>		
FROM:		
BUILDING	ROOM NO.	EXTENSION
<i>Health</i>	<i>Betty - R&D</i>	

25X1

Reference No.

SECRET

X55-3231
Return to R & D / Lab

Return to R & D / Lab

15 November 1955

File 2513

ATTN : Chief, Supplemental Programs Division, OC
Chief, ELINT Activities Branch

ATTN : Chief, ELINT Activities Branch

Chief, Engineering Division, OC

Modification of

REFERENCE: Memorandum to Chief, OC-E from Chief, SP/EA dated 1 November 1955 (SP/EA-5-236)

1. The referenced memorandum, which provides the basis for assignment of the [redacted] to the laboratory and sets forth some of the technical and operational requirements for the system, has proven very helpful in our efforts to establish the boundaries and to direct the initial phases of this project.

2. Preliminary designs are not sufficiently advanced to justify construction or fabrication of "hardware" which is to be installed in [] however, circuit studies and planning have been initiated and efforts are being made to keep this phase abreast of the information available on the operational requirements for the system. It should be noted that a solution to the problem posed by the requirement outlined in Paragraph 3E of the referenced memorandum may not be possible with the present state of the art of miniaturized components. We will therefore proceed on the assumption that a need exists for the [] ELINT Receiver" even though this requirement cannot be fulfilled.

3. In order to speed the progress of initial study and planning any additional information concerning the following factors will be of value.

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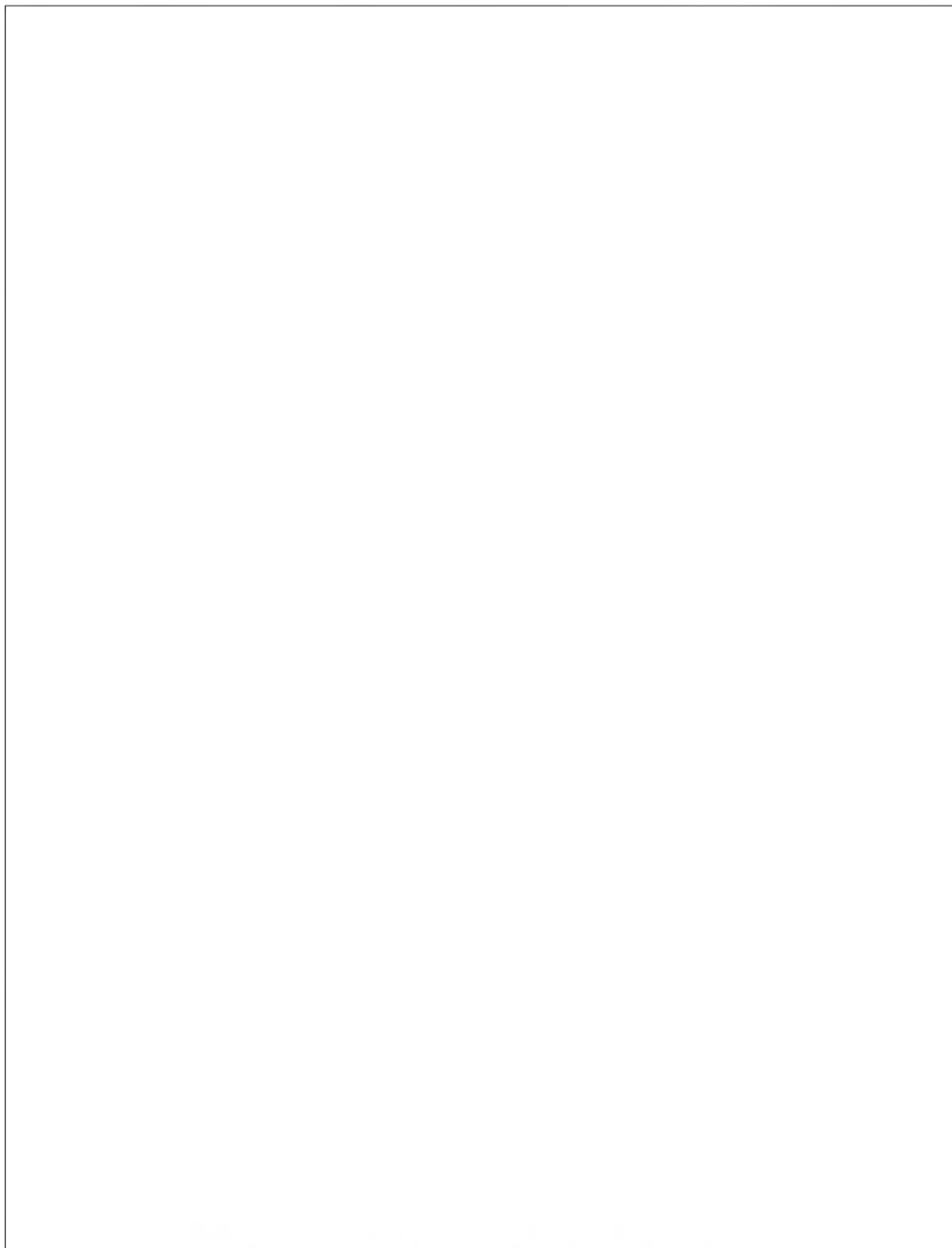
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F. Requirements on Overall System Sensitivity

G. Information on the Filters to be Employed to the Degree
Required to Determine Attenuation Characteristics

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H. Ambient Temperature Range to Which Installation
Will be Subjected

4. We are aware of the possibility that obtaining the information requested in the items of Paragraph 3 may prove difficult and even impossible in some cases. In those instances where the information is not obtainable, we must make certain assumptions concerning the operational requirements so that work can progress in an orderly manner. In order to minimize false assumptions and consequent wasted work, it is requested that specific information be provided on all items for which it can be obtained. A list of those items for which no information is obtainable will also be appreciated.



25X1

WJH
D. H. NCP
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Distribution

- Original and 1 - Addressee
1 - R&D Lab ✓
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15 November 1955

ATTN : Chief, Supplemental Programs Division, OC
: Chief, ELINT Activities Branch

Chief, Engineering Division, OC

Modification of [REDACTED]

25X1

REFERENCE: Memorandum to Chief, OC-E from Chief, SP/EA dated 1 November 1955 (SP/EA-5-236)

1. The referenced memorandum, which provides the basis for assignment of [REDACTED] to the laboratory and sets forth some of the technical and operational requirements for the system, has proven very helpful in our efforts to establish the boundaries and to direct the initial phases of this project.

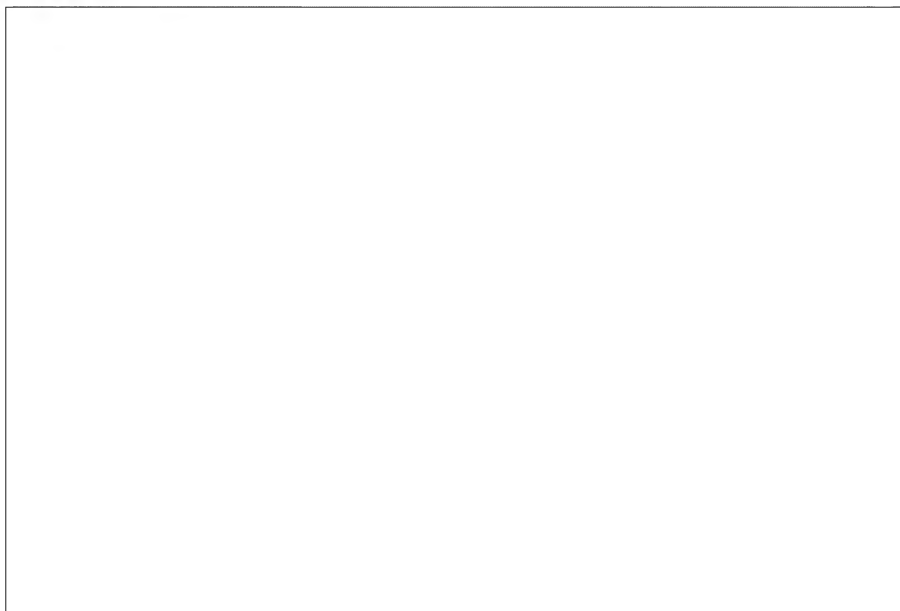
25X1

2. Preliminary studies are not sufficiently advanced to justify construction or fabrication which involves [REDACTED] proper; however, such studies have been initiated and efforts have been directed to keep this phase abreast of available information on system requirements. Project planning currently enjoys this status with the possible exception of the demand feature initially described in Section 3(E) of the referenced memorandum.

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3. In order to speed the progress of initial study and planning any additional information concerning the following factors will be of value.

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*Page 1 of 3
were rewritten
by Division -
rewrite is attached.*

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F. Requirements on Overall System Sensitivity

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SECRET

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H. Ambient Temperature Range to Which Installation
Will be Subjected

4. The laboratory is aware of the possibility that fulfillment of the above request may prove to be difficult, and very possibly impractical, in some areas. In these areas it may be necessary for the initial studies to take the approach - "if this is a requirement then this is a solution". However, it is desired to avoid, wherever possible, the necessity of conducting parallel studies because of the attendant drain on time and staff. To this end, knowledge of those areas in which no additional information is anticipated is also of importance in the planning stages of the project.



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